

# 2008 Medication Withdrawal Times

## Prepared for the Indiana Horse Racing Commission

*These are suggested withdrawal times for urine, unless otherwise stated.*

Medication	Recommended Withdrawal Time	Medication	Recommended Withdrawal Time
Acebutolol	96 hours	Ketorolac	96 hours
Acepromazine	96 hours	Lidocaine	96 hours
Albuterol	96 hours	Medetomidine	96 hours
Aminocaproic Acid	72 hours	Mepivacaine	96 hours
Atropine	96 hours	Methocarbamol	96 hours
Beclomethasone	48 hours	Methylprednisolone	5 days
Benzocaine	72 hours	Nabumetone	120 hours
Betamethasone	48 hours	Naltrexone	48 hours
Boldenone*	45 days	Nandrolone*	45 days
Bupivacaine	48 hours	Omeprazole	24 hours
Butorphanol	96 hours	Pentazocine	96 hours
Cimetidine	48 hours	Pentoxyfylline	96 hours
Clenbuterol	7 days	Phenytoin	96 hours
Cromolyn	48 hours	Polyethylene Glycol	24 hours
DMSO	36 hours	Prednisolone	48 hours
Dantrolene	72 hours	Prednisone	48 hours
Detomidine	96 hours	Procaine HCl	72 hours
Dexamethasone	48 hours	Procaine Penicillin <b>See notes below.</b>	7 –30 days
Diazepam	7 days	Promazine	120 hours
Diclofenac	7 days	Propantheline	48 hours
Dipyrrone	5 days	Propionylpromazine	96 hours
Dyphylline	120 hours	Propranolol	96 hours
Ergoloid Mesylate	48 hours	Pyrilamine	20 days
Ergonovine	96 hours	Ranitidine	24 hours
Fenoterol	48 hours	Reserpine	2 months
Fenspiride	96 hours	Salmeterol	96 hours
Flunixin (blood)	48 hours	Stanozolol*	45 days
Flunixin (urine)	96 hours	Terbutaline	96 hours
Fluphenazine	7 days	Testosterone*	45 days
Furosemide	48 hours	Theophylline	120 hours
Glycopyrrolate	96 hours	Triamcinolone	96 hours
Guaifenesin	96 hours	Triamcinolone Acetonide	13 days
Guanabenz	48 hours	Trichlormethiazide	72 hours
Hydroxyzine	96 hours	Triflupromazine	96 hours
Ipratropium	48 hours	Tripelennamine	72 hours
Isoflupredone	72 hours	Xylazine	96 hours
Isoxsuprine	96 hours	Zomepirac	120 hours
Ketamine	120 hours		

- **Regulations regarding the administration of Phenylbutazone, Flunixin and Ketoprofen can be found at 8-1-4.1 (Standardbred) and 8.5-1-4.1 (Thoroughbred and Quarter Horse).**
- **Reliance on these guidelines is no guarantee of compliance with Indiana Horse Racing Commission (IHRC) medication rules.**

The above guidelines were based on information available at the time of writing. Much of the original information was derived from information published by The Canadian Pari-Mutuel Agency: "Schedule of Drugs 2002". A compilation of drug withdrawal times is now available on the Racing Medication and Testing Consortium (RMTC) website and is the main source of information for recent additions to this list. The RMTC site should be consulted for additional information on dosage of drugs and for other drugs: <http://www.rmtcnet.com>

However, it should be noted that minimal or recommended single doses were utilized in many of the studies referenced in preparation of guidelines. The information available is typically from an administration to a single horse or just a few horses; your horse may differ. Some studies show significantly different withdrawal times between horses and differences when other drugs such as Salix® are being used. It should also be noted that Truesdail Laboratories, the official testing laboratory for the Indiana Horse Racing Commission (IHRC), periodically adopts or produces new methods for increased sensitivity. Trainers, owners, and veterinarians should periodically check with the IHRC, and the RMTC website to assure compliance with current medication rules and withdrawal guidelines.

Concerning procaine penicillin, it may be best to send a sample of your horse's urine to Truesdail Laboratories to see if it is clear before entering the horse. The cost is \$60; results in 48 hours from receipt of sample. Send check, money order, or credit card information with sample. Contact Truesdail Laboratories at (714) 730-6239 for more information.